

NOV 03 2004

FORM PTO-1449		ATTY DOCKET NO. 47624-DVC (71417)	SERIAL NO. 10/714,574
INFORMATION DISCLOSURE STATEMENT		APPLICANT(S) Jeffrey M. Isner, et al.	
		FILING DATE November 14, 2003	GROUP NO. 1646 1636

UNITED STATES PATENT DOCUMENTS

EXAM. INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
QN	AA	5,229,496	7/20/93	Deeley et al.			10/6/88
QN	AB	5,240,848	8/31/93	Keck et al.			7/10/89

FOREIGN PATENT DOCUMENTS

						SUBCLASS	TRANSLATION YES/NO
QN	BA	86/00639	30/01/86	World			Y
QN	BB	96/39421	12/12/96	World			Y
QN	BC	96/39515	12/12/96	World			Y

OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)

QN	CA	Aglietta, M. J. Clin. Invest., 83: 551-557
	CB	Andrews, et al., Blood, 67:842 (1986)
	CC	Asahara, Science, 275: 964-967 (1997)
	CD	Brugger et al., N. Engl. J. Med., 333: 283 (1995)
	CE	Bussolini, et al., J. Clin. Invest., 87: 986-995 (1991)
QN	CF	Cantrell, et al., Proc. Natl. Acad. Sci. 82: 6250-24 (1985)

EXAMINER:		DATE: 4/28/05
------------------	-------------------------------------------------------------------------------------	----------------------

FORM PTO-1449 INFORMATION DISCLOSURE STATEMENT	ATTY DOCKET NO.	SERIAL NO.
	47624-DVC (71417)	10/714,574
	APPLICANT(S)	
	Jeffrey M. Isner, et al.	
	FILING DATE	GROUP NO.
	November 14, 2003	1646 1636

UNITED STATES PATENT DOCUMENTS

EXAM. INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES/NO

OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)

QW	CG	Clark, et al., Science, 236: 1229-1237 (1987)
	CH	Dainiak, Blood, 78: 264 (1991)
	CI	Dedhar, et al., Proc. Natl. Acad. Sci USA, 85: 9253-9257 (1988)
	CJ	Folkman, et al., J. Biol Chem., 267: 10931 (1992)
	CK	Friedlander, et al., Science, 270: 1500 (1995)
	CL	Gasson, Blood, 77: 1131 (1991)
	CM	Gianni et al., Lancet, 2: 580-584 (1989)
QW	CN	Hynes, R.O. Cell, 48: 549 (1987)

EXAMINER: 	DATE: 4/28/05
-----------------------------------------------------------------------------------------------	---------------

FORM PTO-1449 INFORMATION DISCLOSURE STATEMENT	ATTY DOCKET NO. 47624-DVC (71417)	SERIAL NO. 10/714,574
	APPLICANT(S) Jeffrey M. Isner, et al.	
	FILING DATE November 14, 2003	GROUP NO. 1646 1636

UNITED STATES PATENT DOCUMENTS

EXAM. INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE


FOREIGN PATENT DOCUMENTS

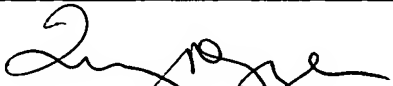
DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES/NO


OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)

QW	CO	Isner, et al., Lancet, 348: 370 (1996)
I	CP	Ito, et al., Lab. Invest., 72: 532 (1995)
I	CQ	Janssens, et al., J. Biol. Chem, 267: 14519 (1992)
I	CR	Kim, et al., Blood, 91: 100 (1998)
I	CS	Lamas, et al., Proc. Natl. Acad. Sci. USA, 89: 6348 (1992)
QW	CT	Liesveld, et al., Leukemia, 8: 2111 (1994)

EXAMINER: 	DATE: 4/28/05
-----------------------------------------------------------------------------------------------	---------------

FORM PTO-1449 INFORMATION DISCLOSURE STATEMENT		ATTY DOCKET NO. 47624-DVC (71417)		SERIAL NO. 10/714,574			
		APPLICANT(S) Jeffrey M. Isner, et al.					
		FILING DATE November 14, 2003		GROUP NO. 1646 / 1636			
UNITED STATES PATENT DOCUMENTS							
EXAM. INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES/NO
OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)							
QW	CU	Millauer, et al., Cell, 72: 835 (1993)					
	CV	Pardanaud, et al., Development, 105: 473 (1989)					
	CW	Torok-Storb, Blood, 72: 373 (1988)					
	CX	Risau, FASEB J., 9: 926 (1995)					
	CY	Sato, et al., Nature, 376: 70 (1995)					
QW	CZ	Senger, et al., Am. J. Pathol., 149: 293 (1996)					
EXAMINER: 						DATE: 4/28/05	

FORM PTO-1449 INFORMATION DISCLOSURE STATEMENT		ATTY DOCKET NO. 47624-DVC (71417)		SERIAL NO. 10/714,574			
		APPLICANT(S) Jeffrey M. Isner, et al.					
		FILING DATE November 14, 2003		GROUP NO. 1646			
UNITED STATES PATENT DOCUMENTS							
EXAM. INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES/NO
OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)							
QIN	CAA	Shalaby, et al., Nature, 376: 62 (1995)					
	CBB	Sieff, J. Clin. Invest, 79: 1549-1557 (1987)					
	CCC	Socinski, et al., Lancet, 1: 1194-1198 (1988)					
	CDD	Soldi, et al., Blood, 863-872 (1997)					
	CEE	Soligo, et al., Leukemia, 5: 1026 (1991)					
QIN	CFE	Takeshita et al., Laboratory, 75: 487 (1996)					
EXAMINER: 						DATE: 4/28/05	

FORM PTO-1449		ATTY DOCKET NO. 47624-DVC (71417)		SERIAL NO. 10/714,574			
INFORMATION DISCLOSURE STATEMENT		APPLICANT(S) Jeffrey M. Isner, et al.					
		FILING DATE November 14, 2003		GROUP NO. 1646 1636			
UNITED STATES PATENT DOCUMENTS							
EXAM. INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES/NO
OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)							
QW	CGG	Takeshita, et al., J. Clin. Invest., 93: 662-670 (1994)					
	CHH	Tsurumi, et al., Circulation, 94: 3281 (1996)					
	CII	Tschudi, et al., J. Clin. Invest., 98: 899 (1996)					
	CJJ	Vecchi, et al., Eur. J. Cell Biol., 63: 247 (1994)					
	CKK	Voyta, et al., J. Cell. Biol., 99: 2034 (1984)					
	CLL	Weyrich, et al., Circ. Res. 75: 692 (1994)					
QW	CMM	Yamaguchi, et al., Development, 118: 489 (1993)					
EXAMINER: 						DATE: 4/28/05	

INFORMATION DISCLOSURE CITATION
(Use several sheets if necessary)

Docket Number (Optional)

47624-DVC (71417)

Application Number

10/714,574

Applicant(s)

Jeffrey M. Isner, et al.

Filing Date

November 14, 2003

Group Art Unit

1646 1636

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

FOREIGN PATENT DOCUMENTS

	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
							YES	NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

QW	CNN	Bradbury, et al., <u>Nature</u> 298:686-688 (1982)

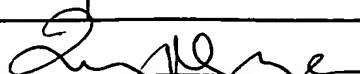
EXAMINER

Signature

DATE CONSIDERED

4/28/05

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

FORM PTO-1449 INFORMATION DISCLOSURE STATEMENT				ATTY DOCKET NO. 47624-DVC (71417)		SERIAL NO. 10/714,574	
				APPLICANT(S) : Jeffrey M. Isner, et al.			
				FILING DATE: November 14, 2003		ART UNIT: 1646 1636	
UNITED STATES PATENT DOCUMENTS							
EXAM. INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FIL. DATE IF APPR
QW	AA	4,808,402	02/28/89	Leibovivh et al.			
QW	AB	4,879,282	11/07/89	Saliba, Jr.			
QW	AC	5,880,090	03/09/99	Hammond et al.			
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRAN YES/NO
OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)							
QW	CA	Sunderkotter et al. "Macrophage-Derived Angiogenesis Factors", Pharmac. Ther., 1991, Vol. 51, pp. 195-216.					
QW	CB	Takahashi et al. "Ischemia- and Cytokine-Induced Mobilization Of Bone Marrow-Derived Endothelial Progenitor Cells For Neovascularization", Nature Medicine, April 1999, Vol. 5, No. 4, pp. 434-438.					
QW	CC	Copy of Int'l Search Report dated 8 July 1999 re Int'l Appln. No. PCT/US99/05130.					
Examiner: 				Date: 4/28/05			

INFORMATION DISCLOSURE CITATION
(Use several sheets if necessary)

Docket Number (Optional)

47624-DVC (71417)

Application Number

10/714,574

Applicant(s)

Jeffrey M. Isner, et al.

Filing Date

November 14, 2003

Group Art Unit

1646

636

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
QW	AA	5,612,211 A	3/1997	Wilson et al.			
	AB	5,941,868 A	8/1999	Kaplan et al.			
	AC	5,980,887 A	11/1999	Isner et al.			
	AD	6,121,246 A	9/2000	Isner			
	AE	6,258,787 B1	7/2001	Isner			
QW	AF	5,646,043 A	7/1997	Emerson et al.			

FOREIGN PATENT DOCUMENTS

	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
							YES	NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

QW	CA	Eck, S.L. & Wilson, J.M. "Gene-Based Therapy", In Goodman & Gilman's The Pharmacological Basis of Therapeutics, Ninth Edition, pp. 77-101, 1996.
QW	CB	Verma, I.M. & Somia, N. "Gene Therapy-Promises, Problems And Prospects", Nature 389: 239-242, 1997.

EXAMINER

[Signature]

DATE CONSIDERED

4/28/05

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

INFORMATION DISCLOSURE CITATION
(Use several sheets if necessary)

Docket Number (Optional)

47624-DVC (71417)

Application Number

10/714,574

Applicant(s)

Jeffrey M. Isner, et al.

Filing Date

November 14, 2003

Group Art Unit

1646

1636

*EXAMINER
INITIAL

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

QW

CC

Miller, N. & Vile, R. "Targeted Vectors For Gene Therapy" FASEB J. 9: 190-199, 1995.

CD

Deonarain, M.P. "Ligand-Targeted Receptor-Mediated Vectors For Gene Delivery", Exp. Opin. Ther. Patents 8: 53-69, 1998.

CE

Shi et al. "Evidence For Circulating Bone Marrow-Derived Endothelial Cells, 1998, BLOOD, vol. 92, pp. 362-367.

CF

Ngo et al. "Computational Complexity, Protein Structure Prediction, And The Levinthal Paradox, 1994 In: The Folding Protein And Tertiary Structure Prediction, (Merz, K. et al., eds.), Birkhauser, Boston, pp. 491-495.

QW

CF

Rudinger "Characteristics Of The Amino Acids As Components Of a Peptide Hormone Sequence, 1976. In: Peptide Hormones, (J.A. Parsons, Ed.), University Park Press, Baltimore, pp. 1-7.

EXAMINER

DATE CONSIDERED

4/28/05

*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.